

Converting Colors

$Yxy(35.6748, 0.2652, 0.3418)$

Have a look what the booklet for
Yxy(35.6748, 0.2652, 0.3418)
contains.

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Color

Yxy(35.6679, 0.2652, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	6AADA5
RGB	106, 173, 165
RGB Percent	42%, 68%, 65%
CMY	0.5842, 0.3216, 0.3529
CMYK	0.39, 0.00, 0.05, 0.32
HSL	173°, 29%, 55%
HSV	173°, 39%, 68%
XYZ	27.6825, 35.6679, 41.0332
YIQ	152.0550, -37.3640, -16.6920

Conversions

Conversions Part 2

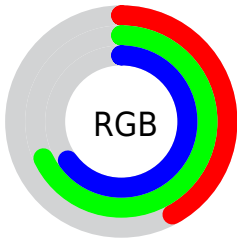
Format	Color
RYB	106, 142, 173
Decimal	6991269
CIELab	66.27, -23.16, -2.63
CIElCh	66, 23.310, 186.468
Yxy	35.6679, 0.2652, 0.3417
Android (android.graphics.Color)	4285181349 (0xFF6AADA5)
YUV	152.0550, 6.3819, -40.3902
Hunter-Lab	59.7226, -21.7765, 1.0698

Details

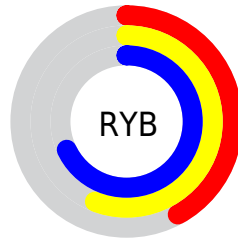
The Yxy color **35.6679, 0.2652, 0.3417** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4122, 0.3951, 0.3172**, and the grayscale version is **31.4119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6795, 0.2742, 0.3397**, and **15.3821, 0.2506, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **34.6395, 0.2558, 0.3455**, and if you desaturate by 10%, it is **36.9142, 0.2760, 0.3381**.

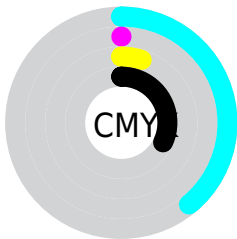
Distribution



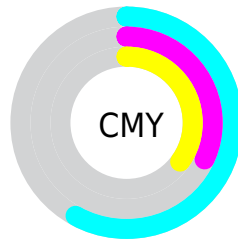
- Red (42%)
- Green (68%)
- Blue (65%)



- Red (42%)
- Yellow (56%)
- Blue (68%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6679, 0.2652, 0.3417 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 35.6679, 0.2652, 0.3417 by changing the saturation by 10% instead.


 35.6679, 0.2652,
0.3417


 35.6679, 0.2652,
0.3417


327.5067, 0.2898,
0.3353


 24.1778, 0.2588,
0.3433


 68.5192, 0.2743,
0.3394

 15.4656, 0.2504,
0.3453


 90.6491, 0.2777,
0.3385

 9.1468, 0.2389,
0.3480


 117.0945, 0.2805,
0.3378

 4.8371, 0.2223,
0.3518

 148.2398, 0.2829,
0.3371

 2.1520, 0.1965,
0.3571

184.4692, 0.2850,
0.3366

 0.6936, 0.0544,
0.4018

226.1672, 0.2868,

 0.0000, 0.0000,

0.3361

0.0000

273.7182, 0.2884,
0.3357

■ 35.6679, 0.2652,
0.3417

■ 35.6679, 0.2652,
0.3417

■ 34.6395, 0.2558,
0.3455

■ 36.9142, 0.2760,
0.3381

■ 33.8117, 0.2481,
0.3495

■ 38.3860, 0.2880,
0.3347

■ 33.1717, 0.2421,
0.3536


■ 40.0956, 0.3010,
0.3315


■ 32.7032, 0.2381,
0.3577

■ 42.0534, 0.3145,
0.3286


■ 32.3872, 0.2358,
0.3617


■ 44.2690, 0.3284,
0.3261


 32.1893, 0.2352,
0.3658

 46.7515, 0.3424,
0.3237

 32.1662, 0.2351,
0.3663

 49.5098, 0.3563,
0.3217

 52.5519, 0.3701,
0.3199

 54.5885, 0.3775,
0.3181

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.6679, 0.2946, 0.3736



35.6679, 0.2652, 0.3417



35.6679, 0.2487, 0.3079

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.6679, 0.2652, 0.3417



35.6679, 0.2924, 0.2742



35.6679, 0.3813, 0.3711

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.6679, 0.2652, 0.3417



20.4122, 0.3951, 0.3172

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.6679, 0.3813, 0.3437



35.6679, 0.2652, 0.3417



35.6679, 0.3283, 0.2898

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.6679, 0.2652, 0.3417



35.6679, 0.2636, 0.2713



35.6679, 0.3615, 0.3146



35.6679, 0.3621, 0.3895

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.6679, 0.2652, 0.3417



35.6679, 0.2465, 0.2898



35.6679, 0.3615, 0.3146



35.6679, 0.3836, 0.3626

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.6693, 0.2652, 0.3417



70.6915, 0.2964, 0.3326



34.5691, 0.3147, 0.4421



15.2791, 0.2947, 0.3330



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.6693, 0.2652, 0.3417



62.3632, 0.2575, 0.3448



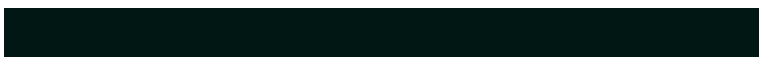
27.4012, 0.2539, 0.2881



9.0554, 0.3002, 0.3317



23.6372, 0.2350, 0.3659



0.6621, 0.2316, 0.3536

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.4122, 0.3951, 0.3172



31.3352, 0.4219, 0.3149



26.0456, 0.3921, 0.3661



8.0303, 0.3268, 0.3263



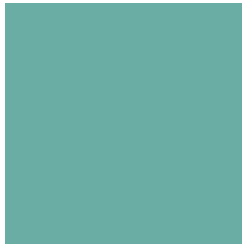
6.5702, 0.6228, 0.3204



0.1876, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 35.6679, 0.2652, 0.3417 looks on a white background.

Color Contrast Check

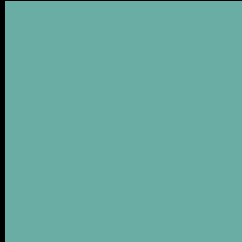
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 35.6679, 0.2652, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

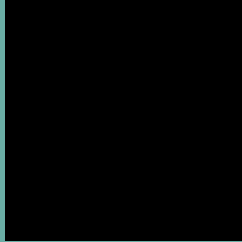
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6679, 0.2652, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 35.6679, 0.2652, 0.3417.

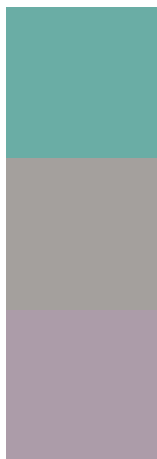


This preview shows how white text looks on a background with the Yxy color 35.6679, 0.2652, 0.3417.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.6679, 0.2652, 0.3417

Protanopia

35.4684, 0.3193, 0.3334

Deuteranopia

35.4122, 0.3165, 0.3108



Tritanopia

35.5896, 0.2554, 0.3073

Trichromacy



Original Color

35.6679, 0.2652, 0.3417

Protanomaly

35.2880, 0.2969, 0.3366

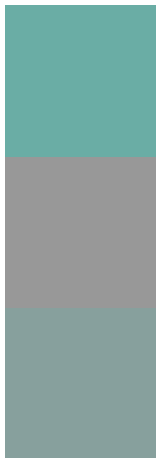
Deuteranomaly

34.9637, 0.2947, 0.3200

Tritanomaly

35.5514, 0.2588, 0.3194

Monochromacy



Original Color

35.6679, 0.2652, 0.3417

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.7268, 0.2921, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6679, 0.2652, 0.3417 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 173, 165)` looks like.

```
.text, #text, p{  
    color:rgb(106, 173, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 173, 165) }
```

Border

The CSS property to change the border of an element to Yxy 35.6679, 0.2652, 0.3417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 173, 165) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(106, 173, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(106, 173, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(106, 173,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6679, 0.2652, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 173, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106,  
173, 165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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